



## ACTUATED VALVES

### GENEBRE 5943E: AIR OPERATED 304SS SANITARY BUTTERFLY VALVES WITH BUTT WELD ENDS



#### SPECIFICATIONS - ACTUATOR

|   |                                                |
|---|------------------------------------------------|
| 1 | 304SS Pneumatic actuator                       |
| 2 | Air/ neutral gas pressure range: 1.5 - 7 Barg, |
| 3 | Max Temperature + 50°C                         |
| 4 | Air connections 1/8" BSP                       |

#### SPECIFICATIONS - BUTTERFLY VALVE

|   |                                                        |
|---|--------------------------------------------------------|
| 1 | AISI 304 Body and Butt weld ends                       |
| 2 | EPDM Seats and seals                                   |
| 3 | Sanitary polished internally & externally              |
| 4 | Maximum working pressure 10 bar at ambient temperature |
| 5 | Maximum working temperature +120°C                     |

#### DIMENSIONS

| AVOL<br>REF | Actuator<br>Type | Valve<br>Size | A<br>mm | B<br>mm | C<br>mm | Wt (SR)<br>Kg |
|-------------|------------------|---------------|---------|---------|---------|---------------|
| 5943E 06    | 44 - SR 49 - DA  | 1"            | 232     | 85      | 50      | 4.0           |
| 5943E 07    | 44 - SR 49 - DA  | 1 1/4"        | 235     | 85      | 50      | 4.0           |
| 5943E 08    | 44 - SR 49 - DA  | 1 1/2"        | 236     | 85      | 50      | 4.0           |
| 5943E 09    | 44 - SR 49 - DA  | 2"            | 240     | 85      | 52      | 4.4           |
| 5943E 10    | 44 - SR 49 - DA  | 2 1/2"        | 249     | 85      | 56      | 4.8           |
| 5943E 11    | 44 - SR 49 - DA  | 3"            | 255     | 85      | 60      | 5.1           |
| 5943E 12    | 44 - SR 49 - DA  | 4"            | 269     | 85      | 64      | 5.7           |

Eg: 2" DA Code = 5943E 09 49 3" SR Code = 5943E 11 44



#### OPTIONAL EXTRA - IP66 CONTROL HEAD OPTIONS

|   |                                                                                                                                                                  |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Electrical end of travel confirmation:<br>Red and green LEDs give local visual indication<br>Inductive proximity sensors give remote indication (5-24VDC supply) |
| 2 | Internal 24VDC pilot solenoid (110 and 240VAC option available)                                                                                                  |
| 3 | As-i interface option available                                                                                                                                  |

Supplied fitted to actuator, see following page for details. Ordered separately



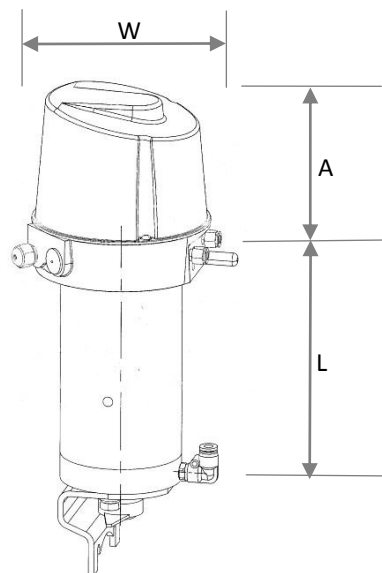
## ACTUATED VALVES

### GENEBRE 5944/5949: CONTROL HEAD & ACTUATOR FOR SANITARY BUTTERFLY VALVES



#### SPECIFICATIONS

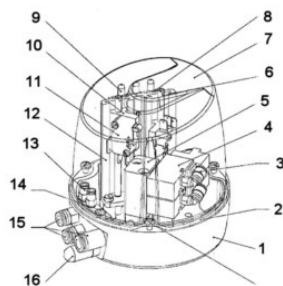
|   |                                                                       |
|---|-----------------------------------------------------------------------|
| 1 | 304SS Pneumatic actuator complete with control head                   |
| 2 | Air/ neutral gas pressure range: 1.5 - 7 Barg                         |
| 3 | Air connections 1/8" BSP (6mm push-in connector & muffler supplied)   |
| 4 | Max Temperature + 50°C                                                |
| 5 | Control head with 2 inductive detectors with LEDs (+ solenoid option) |
| 6 | Electrical supply 5 - 24VDC via M16 x 1.5 cable entries               |
| 7 | IP66 Ingress protection                                               |
| 8 | Solenoid with 24VDC standard voltage (110 or 240VAC options)          |
| 9 | AS - i connectivity available                                         |



#### DIMENSIONS

| AVOL<br>REF | Actuator<br>Type | A<br>mm | L<br>mm | W<br>mm | Wt*<br>Kg |
|-------------|------------------|---------|---------|---------|-----------|
| 5944 01     | SR               | 125     | 315     | 125     | 0.5       |
| 5944 02     | SR incl solenoid | 125     | 315     | 125     | 0.5       |
| 5949 01     | DA               | 125     | 315     | 125     | 0.5       |
| 5949 02     | DA incl solenoid | 125     | 315     | 125     | 0.5       |

\* Add 0.5kg to weight of valve & actuator on page 1



#### CONTROL HEAD MATERIALS

|    |                         |                 |
|----|-------------------------|-----------------|
| 1  | Base                    | Polypropylene   |
| 2  | Seal                    | EPDM            |
| 3* | Solenoid connector      | Brass           |
| 4* | 3/2 Solenoid            | Aluminium       |
| 5* | Space for solenoid      | -               |
| 6  | Detector securing screw | Stainless steel |
| 7  | Cover                   | Polycarbonate   |
| 8  | Connection space        | -               |
| 9  | LED indicator           | -               |
| 10 | Support for detector    | Plastic         |
| 11 | Inductive detector      | -               |
| 12 | Stand                   | Plastic         |
| 13 | Air connection          | Brass           |
| 14 | Stand-by connector      | Brass           |
| 15 | Air connection          | Brass           |
| 16 | Muffler                 | Plastic         |

\* Only installed when solenoid option selected (5944 02 or 5949 02)